

ERRATUM: “PHOTOMETRIC PROPERTIES OF $\text{Ly}\alpha$ EMITTERS AT $z \approx 4.86$ IN THE COSMOS 2 SQUARE DEGREE FIELD” (2009, *ApJ*, 696, 546)

Y. SHIOYA¹, Y. TANIGUCHI¹, S. S. SASAKI^{2,3}, T. NAGAO^{1,3}, T. MURAYAMA³, T. SAITO¹, Y. IDEUE², A. NAKAJIMA², K. MATSUOKA², J. TRUMP^{1,4}, N. Z. SCOVILLE⁵, D. B. SANDERS⁶, B. MOBASHER⁷, H. AUSSEL⁸, P. CAPAK^{5,9}, J. KARTALTEPE⁶, A. KOEKEMOER¹⁰, C. CARILLI¹¹, R. S. ELLIS^{5,12}, B. GARILLI¹³, M. GIAVALISCO¹⁰, M. G. KITZBICHLER¹⁴, C. IMPEY⁴, O. LEFEVRE¹⁵, E. SCHINNERER¹⁶, AND V. SMOLCIC^{17,18}

¹ Research Center for Space and Cosmic Evolution, Ehime University, Bunkyo-cho, Matsuyama 790-8577, Japan

² Graduate School of Science and Engineering, Ehime University, Bunkyo-cho, Matsuyama 790-8577, Japan

³ Astronomical Institute, Graduate School of Science, Tohoku University, Aramaki, Aoba, Sendai 980-8578, Japan

⁴ Steward Observatory, University of Arizona, Tucson, AZ 85721, USA

⁵ Department of Astronomy, MS 105-24, California Institute of Technology, Pasadena, CA 91125, USA

⁶ Institute for Astronomy, University of Hawaii, 2680 Woodlawn Drive, HI 96822, USA

⁷ Department of Physics and Astronomy, University of California, Riverside, CA 92521, USA

⁸ AIM Unité Mixte de Recherche CEA CNRS Université Paris VII UMR n158, France

⁹ *Spitzer* Science Center, California Institute of Technology, Pasadena, CA 91125, USA

¹⁰ Space Telescope Science Institute, 3700 San Martin Drive, Baltimore, MD 21218, USA

¹¹ National Radio Astronomy Observatory, P.O. Box 0, Socorro, NM 87801-0387, USA

¹² Department of Astrophysics, Keble Road, Oxford OX2 3RH, UK

¹³ INAF, Istituto di Astrofisica Spaziale e Fisica Cosmica, Sezione di Milano, via Bassini 15, 20133 Milano, Italy

¹⁴ Max-Planck-Institut für Astrophysik, D-85748 Garching bei München, Germany

¹⁵ Laboratoire d’Astrophysique de Marseille, BP 8, Traverse du Siphon, 13376 Marseille Cedex 12, France

¹⁶ Max Planck Institut für Astronomie, Königstuhl 17, D-69117 Heidelberg, Germany

¹⁷ Princeton University Observatory, Princeton, NJ 08544, USA

¹⁸ University of Zagreb, Department of Physics, Bijenicka cesta 32, 10000 Zagreb, Croatia

Due to an error in processing the data, we have published wrong values of EW_0 in Table 1 in the original paper, published 2009 April 16. The true values are derived by the multiplication of 0.83 to the values in Table 1 in the original paper. As a result, Figures 9 and 10 are incorrect in the original paper. The correct versions of Figures 9 (top) and 10 are presented here.

The $\text{Ly}\alpha$ luminosity functions (LFs) of our sample in Figures 7 and 8 are corrected for the absorption by intergalactic neutral hydrogen as in Figure 4(a) in Ouchi et al. (2003, *ApJ*, 582, 60). The correct caption to Figure 7 is “the $\text{Ly}\alpha$ LF of our sample that is corrected for the absorption by intergalactic neutral hydrogen as Ouchi et al. (2003)” instead of “the $\text{Ly}\alpha$ LF of our sample.”

These do not change any discussion in the text.

We thank Masakazu A. R. Kobayashi for bringing these errors to our attention.

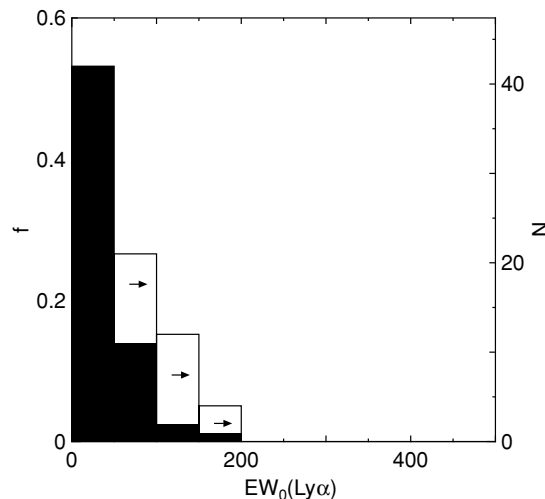


Figure 9. (Top)

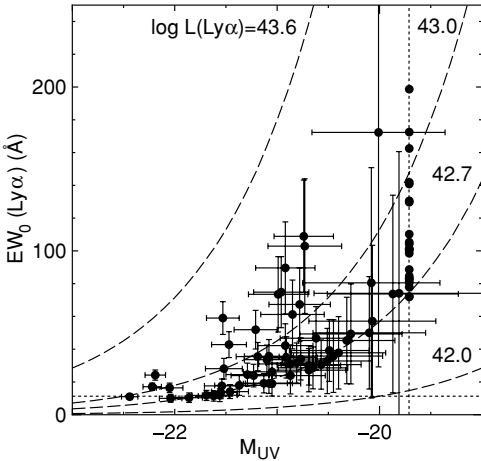


Figure 10.